

### Abstract

The invention concerns a film (2), in particular an embossing film, a laminating film or a sticker film, and an optical security element. The film (2) has a carrier layer (21) and a replication layer (23). The film also has a layer (24) of a liquid crystal material, which is applied to the replication layer. A diffractive structure (27) is embossed into the surface of the replication layer, which is towards the layer of a liquid crystal material, for orientation of the liquid crystal material, said diffractive structure having at least two partial regions with different directions of orientation of the embossed structure.

(Figure 2)